

FIGURE 1

V<sub>K</sub> Domain

	1	10	20	30	40	
CD40	DIVLTQSPATLSVTPGDRVSLSCRASQISDYLHWYQKSHESPRLLIK					
VKIII	EIVLTQSPATLSLSPGERATLSCRASQSVSSYLAWYQKPGQAPRLLIY*					
	50	60	70	80	90	100
CD40	YASHSISGIPSRFSGSGSGDFTLSINSVEPEDVGIYYCQHGHSFPRTFGGGTKLEIK					
VKIII/JK4	DASNRTGIPARFSGSGSGTDFTLTISLEPEDFAVYYCQQRSNWPLTFGGGTVKVEIK					

V<sub>H</sub> Domain

	1	10	20	30	40	
CD40	QIQLVQSGPELKKPGETVRISCKASGYAFTTTGMQWVQEMPGKGLKWIG					
VH7	QVQLVQSGSELKKPGASVKVSCASGYTFTSYAMNWVRQAPGQGLEWMG					
	*		*	**	*	*
	50	60	70	80	abc	90
CD40	WINTHSGVPKYVEDFKGRFAFSLETSANTAYLQISNLKNEDETATYFCVR					
VH7	WINTNTGNPTYAQGFTRFVFSLDTSVSTAYLQISSLKAEDTAVYYCAR*					
		abcde		110		
CD40	SGNGNYDLAYFAYWGQGLVTVSA					
JH4	YFDYWGQGLVTVSS					

FIGURE 2

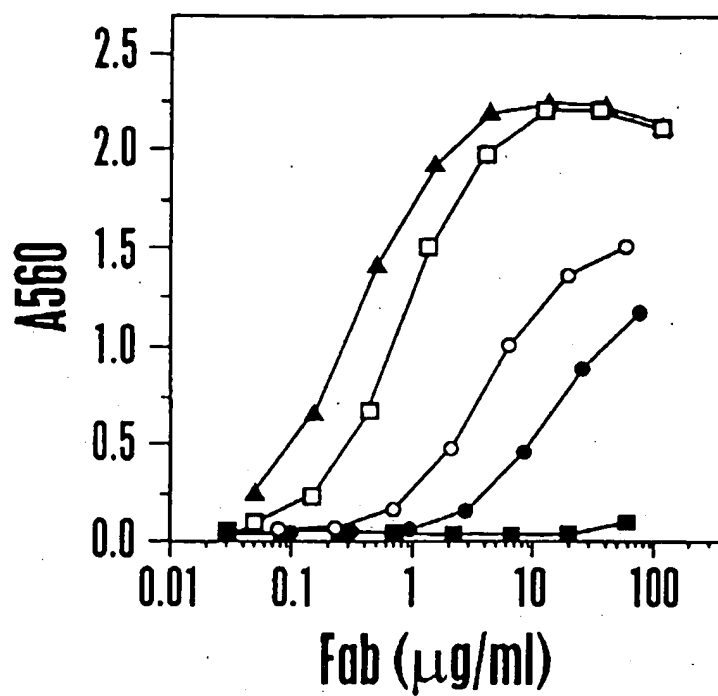


Fig. 2A

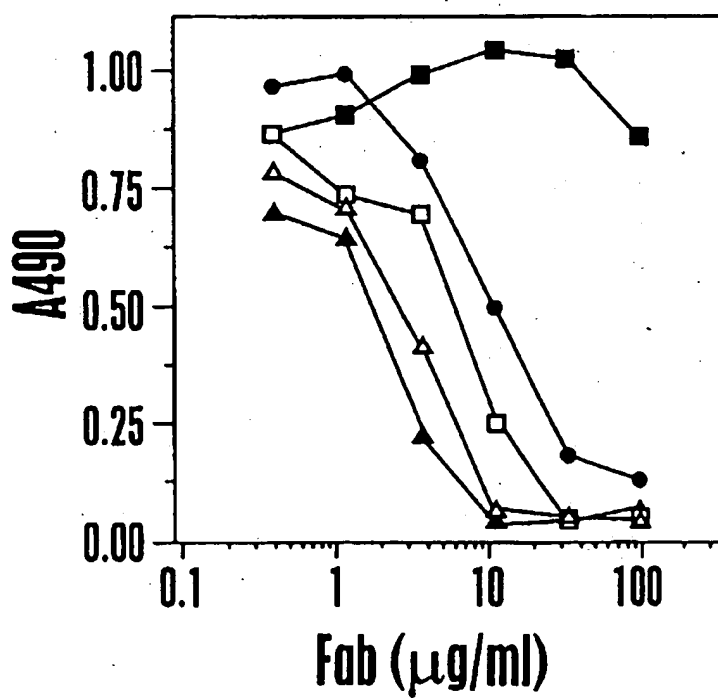
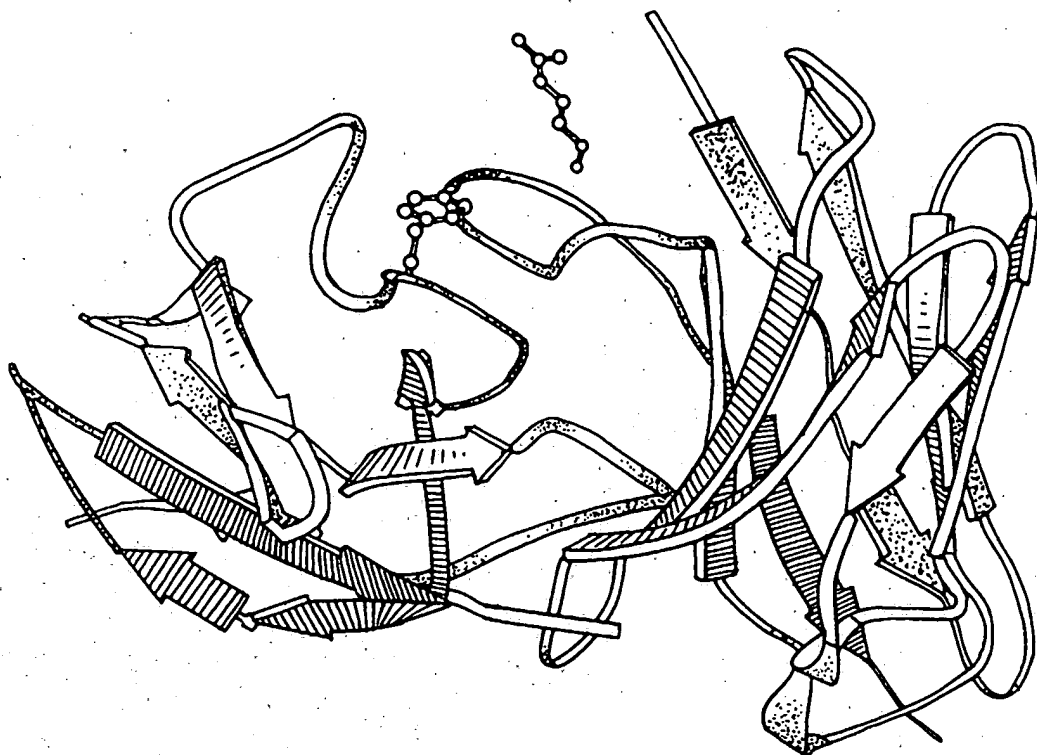
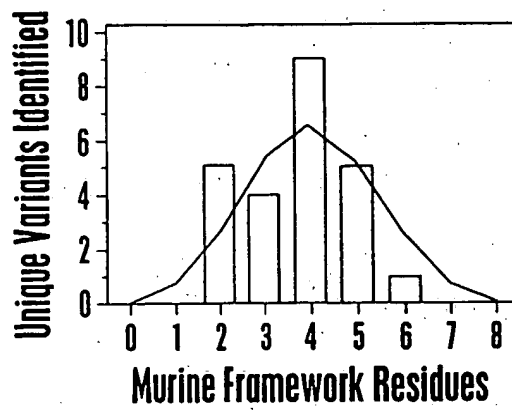


Fig. 2B

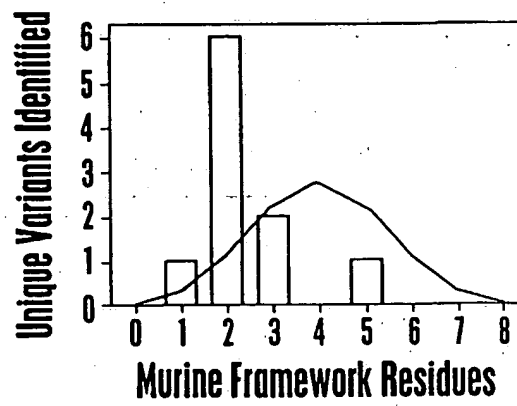
**FIGURE 3**



**FIGURE 4**



**Figure 4A**



**Figure 4B**

FIGURE 5

V<sub>H</sub> Domain

	FR1	CDR-H1	FR2	CDR-H2	FR3
	1	3	4	5	6
	1234567890123456789012345	6789012345	67890123456789	0123456789012345	67890123456789012345678901234
NMC4	<u>VQLLES</u> GPGLVAPSQSLSICTIVS	<u>GFSLT</u> DYGV	WVRPPGKLEWLG	<u>MIWGD</u> STDYNSALKS	RLSITKDNKSKSQVFLKMNSLQTD
VH3-72	EVQLVESGGGLVQPGGSLRLSCAAS	-----	WVRQAPGKLEWVG	-----	RFTISRDDSKNSLYLQMNSLKTEDTAVYYCAR

	CDR-H3
	1
	0
	567890abcdef12 3456789012
NMC4	<u>DPADY</u> GNVDYALDY WQGTSVTVS (SEQ ID NO:5)
JH6a	----- WQGTSVTVS (SEQ ID NO:7)

V<sub>K</sub> Domain

	FR1	CDR-L1	FR2	CDR-L2	FR3
	1	3	4	5	6
	12345678901234567890123	45678901234	567890123456789	0123456	78901234567890123456789012345678
NMC4 VL	<u>SSL</u> SASLGDRVTISC	<u>SASQD</u> INKYLN	WYQQKPDGAVKLLIF	<u>YTSSL</u> HS	GVPSRFSGSGSGTDYSLTISNLEPEDATYYC
VKIDPK9/012	DIQWTSQSPSSLSASVGDRVTITC	-----	WYQQKPGKAPKLLIY	-----	GVPSRFSGSGSGTDFTLTITSSIQPEDFATYYC

	CDR-L3
	1
	0
	901234567 8901234567
NMC4 VL	<u>QQYEKL</u> PWT FGGGTKLEVK (SEQ ID NO:6)
JK4	----- FGGGTKVEIK (SEQ ID NO:8)

## FIGURE 6

